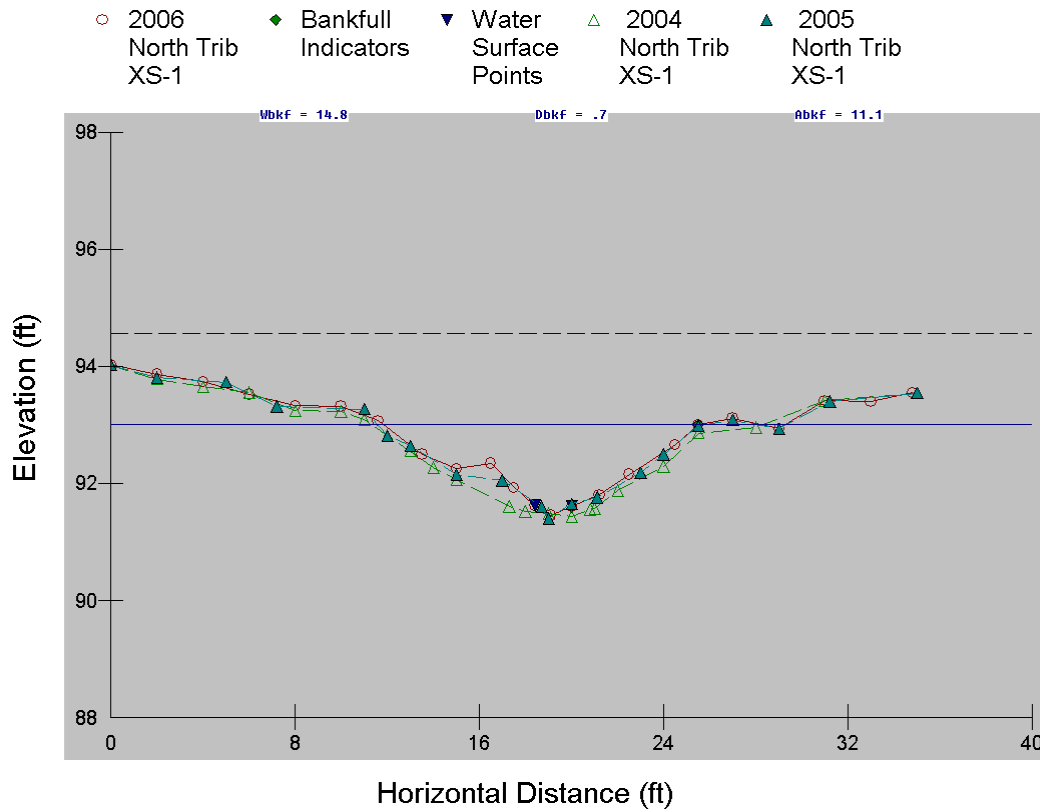


APPENDIX A

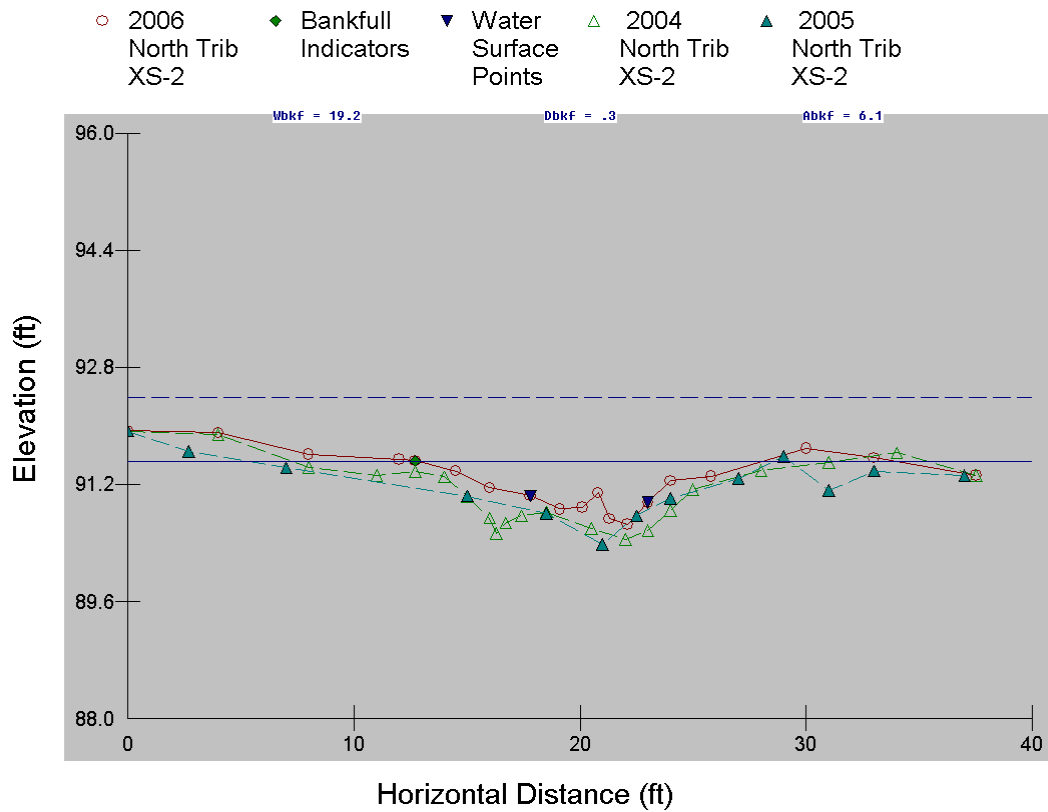
CROSS SECTIONS AND LONGITUDINAL PROFILES

2006 North Trib XS-1 @ Sta. 1+46



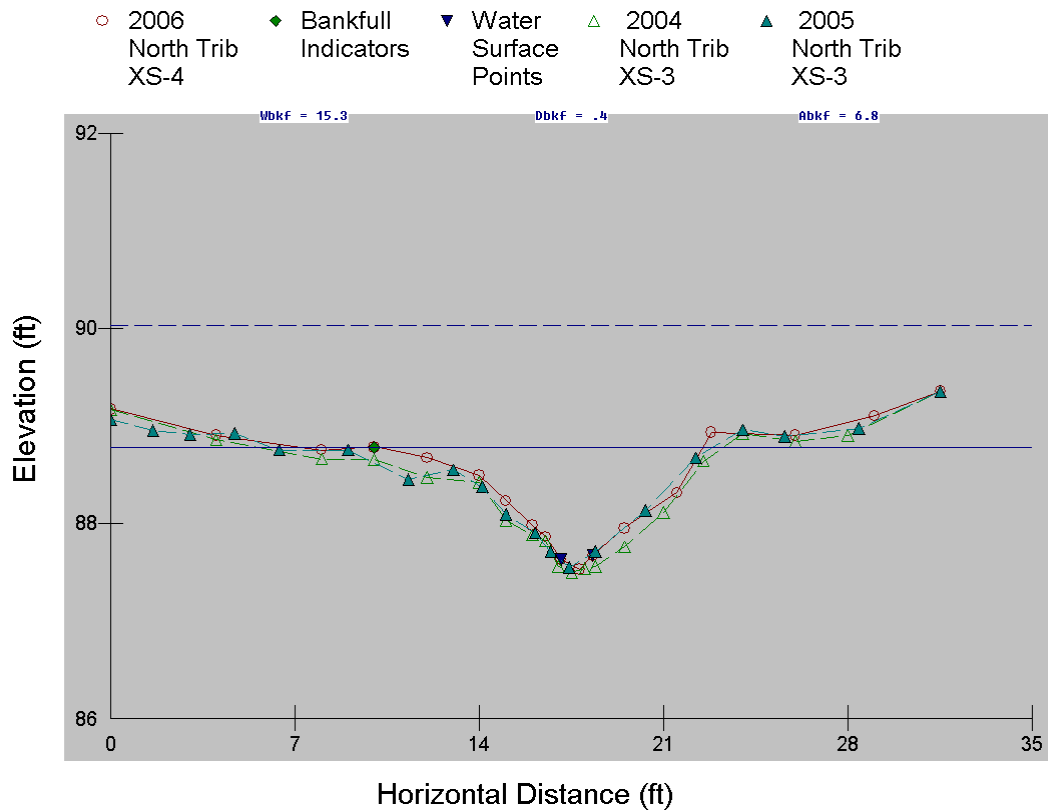
Cross-Section #1 (Riffle) Abbreviated Morphological Summary					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	7.9	7.1	11.0		
Maximum Bankfull Depth (ft)	1.1	1.2	1.6		
Width of the Floodprone Area (ft)	31.0	>100.0	>100.0		
Bankfull Mean Depth (ft)	0.7	0.6	0.8		
Width/Depth Ratio	>15.0	>15.0	17.1		
Entrenchment Ratio	2.7	8.7	7.3		
Bankfull Width (ft)	11.7	11.5	13.7		

2006 North Trib XS-2 @ Sta. 2+30



Cross-Section #2 (Riffle) Abbreviated Morphological Summary					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	7.2	7.5	5.7		
Maximum Bankfull Depth (ft)	0.9	1.0	0.9		
Width of the Floodprone Area (ft)	>100.0	>100.0	>100.0		
Bankfull Mean Depth (ft)	0.5	0.4	0.4		
Width/Depth Ratio	>15.0	>15.0	41.7		
Entrenchment Ratio	>10.0	>10.0	6.5		
Bankfull Width (ft)	15.2	19.6	15.4		

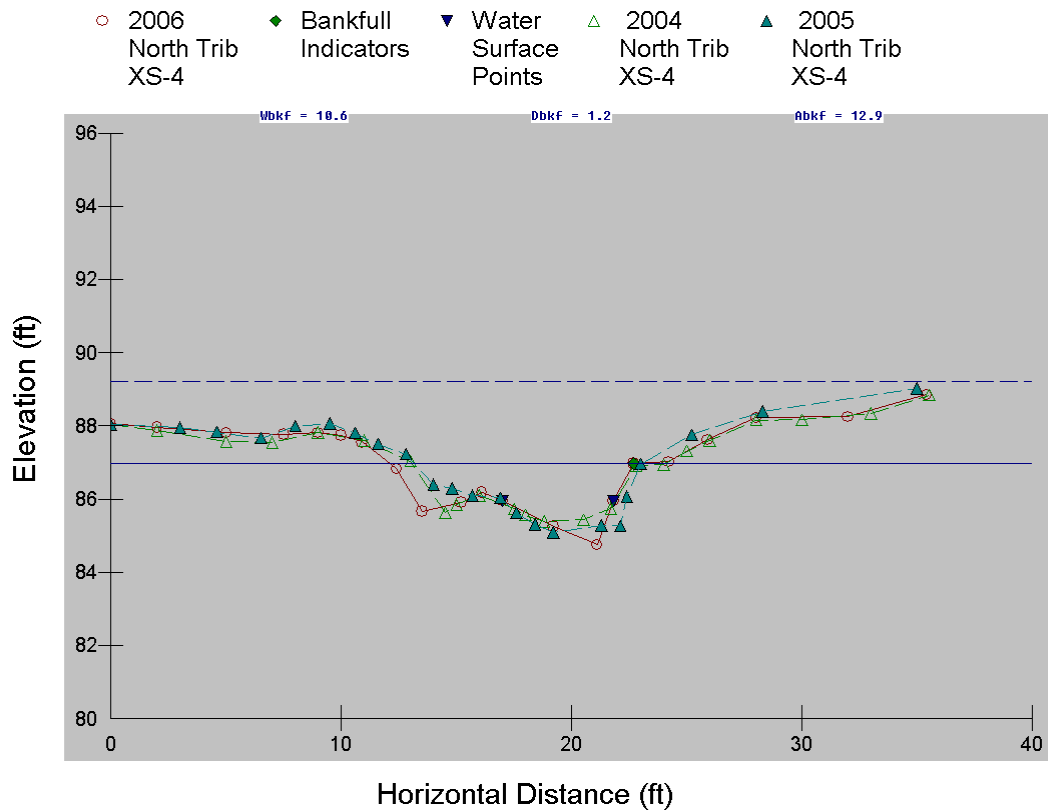
2006 North Trib XS-3 @ Sta. 4+97



Cross-Section #3 (Run) Abbreviated Morphological Summary*					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	6.9	7.1	6.8		
Maximum Bankfull Depth (ft)	1.2	1.2	1.3		
Bankfull Mean Depth (ft)	0.5	0.5	0.5		
Bankfull Width (ft)	14.6	13.7	15.3		

*According to the Rosgen Classification of Natural Rivers floodprone width, entrenchment ratio, and width/depth ratio are not measured in pool, glide or run features.

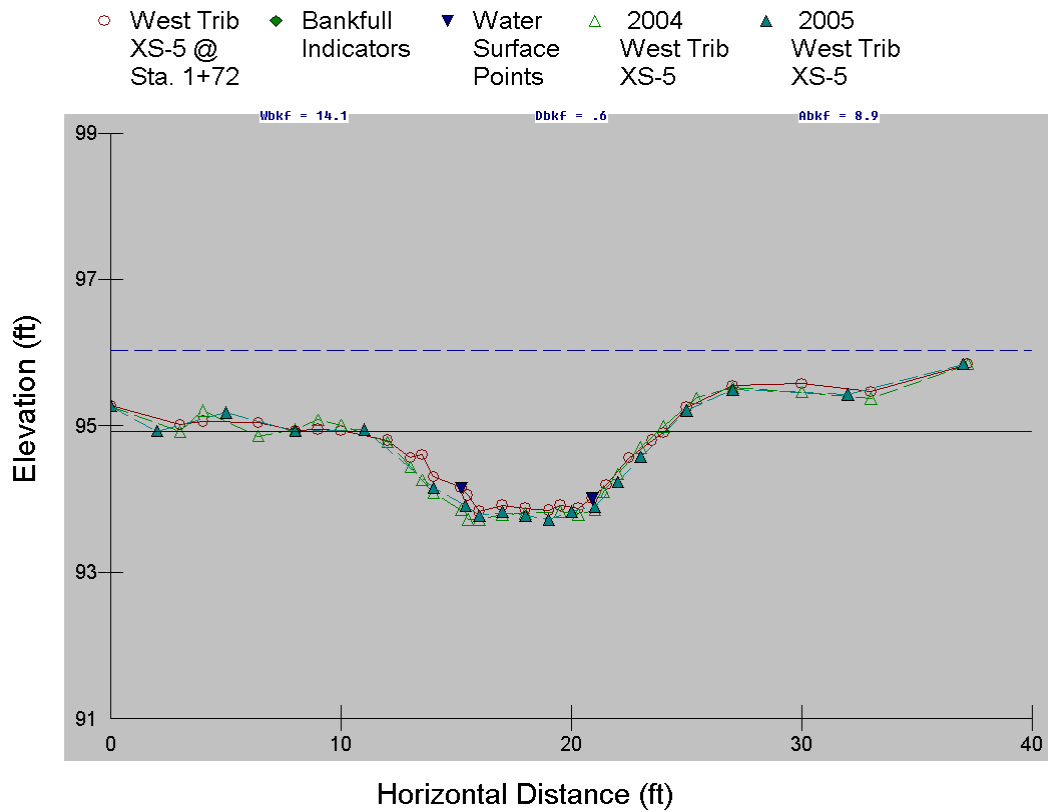
2006 North Trib XS-4 @ Sta. 6+68 Pool



Cross-Section #4 (Pool) Abbreviated Morphological Summary*					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	10.2	10.1	12.9		
Maximum Bankfull Depth (ft)	1.5	1.7	2.2		
Bankfull Mean Depth (ft)	1.1	1.1	1.2		
Bankfull Width (ft)	9.6	9.5	10.6		

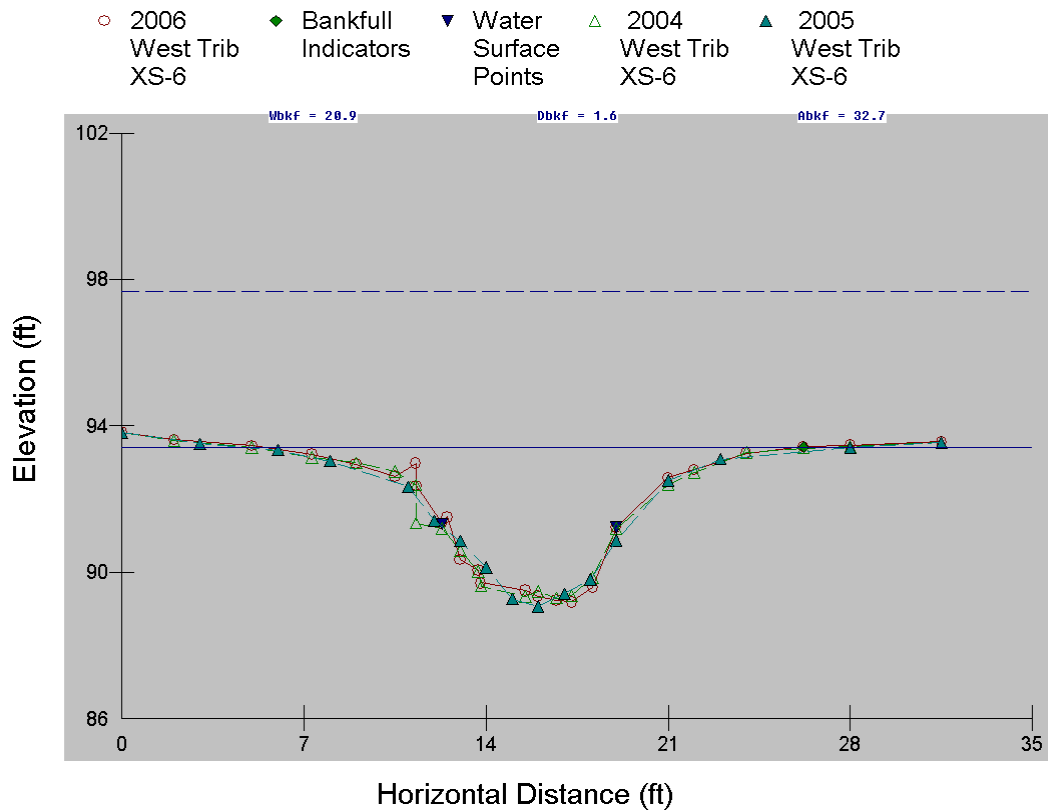
*According to the Rosgen Classification of Natural Rivers floodprone width, entrenchment ratio, and width/depth ratio are not measured in pool, glide or run features.

2006 West Trib XS-5 @ Sta. 1+72



Cross-Section #5 (Riffle) Abbreviated Morphological Summary					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	10.5	10.3	8.9		
Maximum Bankfull Depth (ft)	1.3	1.2	1.1		
Width of the Floodprone Area (ft)	>100.0	>100.0	>100.0		
Bankfull Mean Depth (ft)	0.7	0.8	0.6		
Width/Depth Ratio	>15.0	>15.0	22.4		
Entrenchment Ratio	>10.0	>10.0	7.1		
Bankfull Width (ft)	14.9	13.1	14.1		

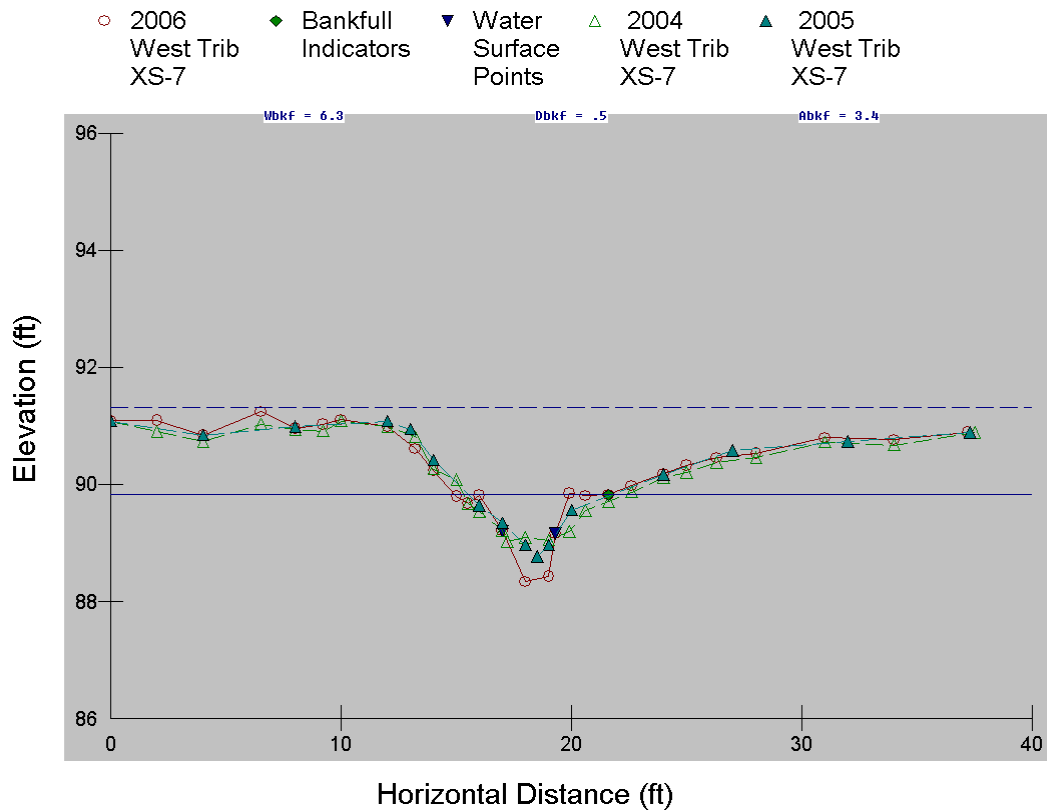
2006 West Trib XS-6 @ Sta. 2+89



Cross-Section #6 (Pool) Abbreviated Morphological Summary*					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	10.1	10.3	32.7		
Maximum Bankfull Depth (ft)	2.1	2.3	4.2		
Bankfull Mean Depth (ft)	1.3	1.4	1.5		
Bankfull Width (ft)	7.9	7.7	21.2		

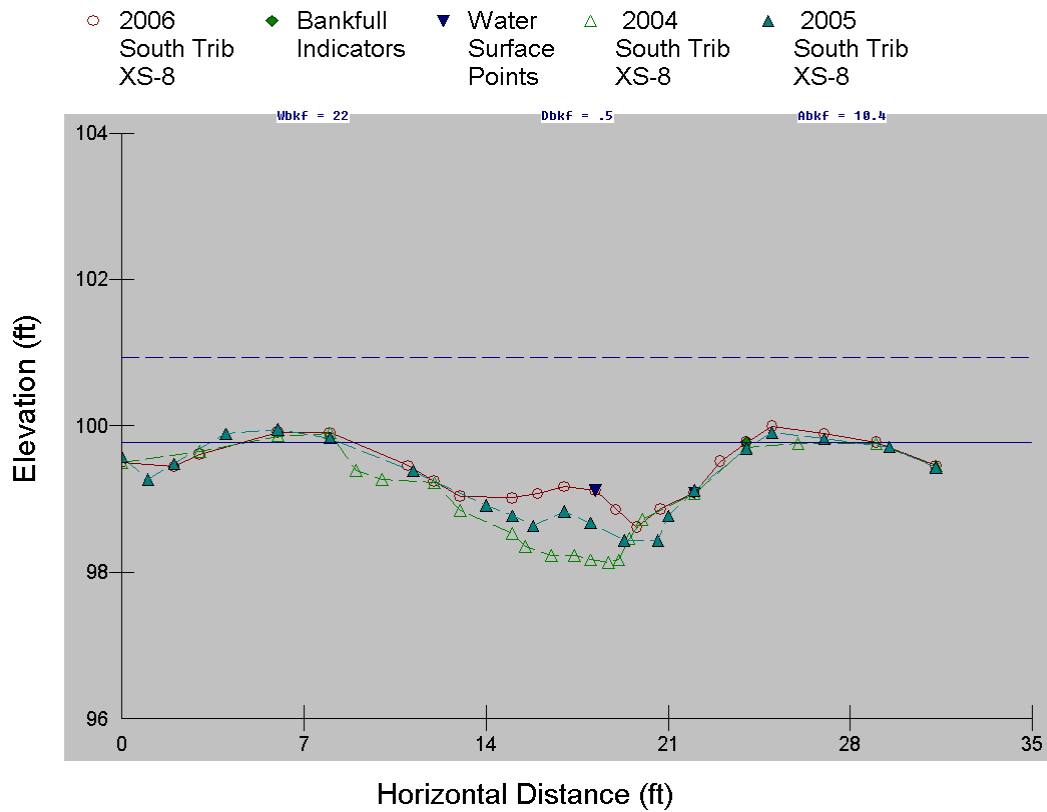
*According to the Rosgen Classification of Natural Rivers floodprone width, entrenchment ratio, and width/depth ratio are not measured in pool, glide or run features.

2006 West Trib XS-7 @ Sta. 4+72



Cross-Section #7 (Riffle) Abbreviated Morphological Summary					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	9.6	10.2	3.4		
Maximum Bankfull Depth (ft)	1.4	1.8	1.5		
Width of the Floodprone Area (ft)	>100.0	>100.0	>100.0		
Bankfull Mean Depth (ft)	0.7	0.8	0.5		
Width/Depth Ratio	>15.0	>15.0	11.7		
Entrenchment Ratio	>10.0	>10.0	15.9		
Bankfull Width (ft)	14.3	13.3	6.3		

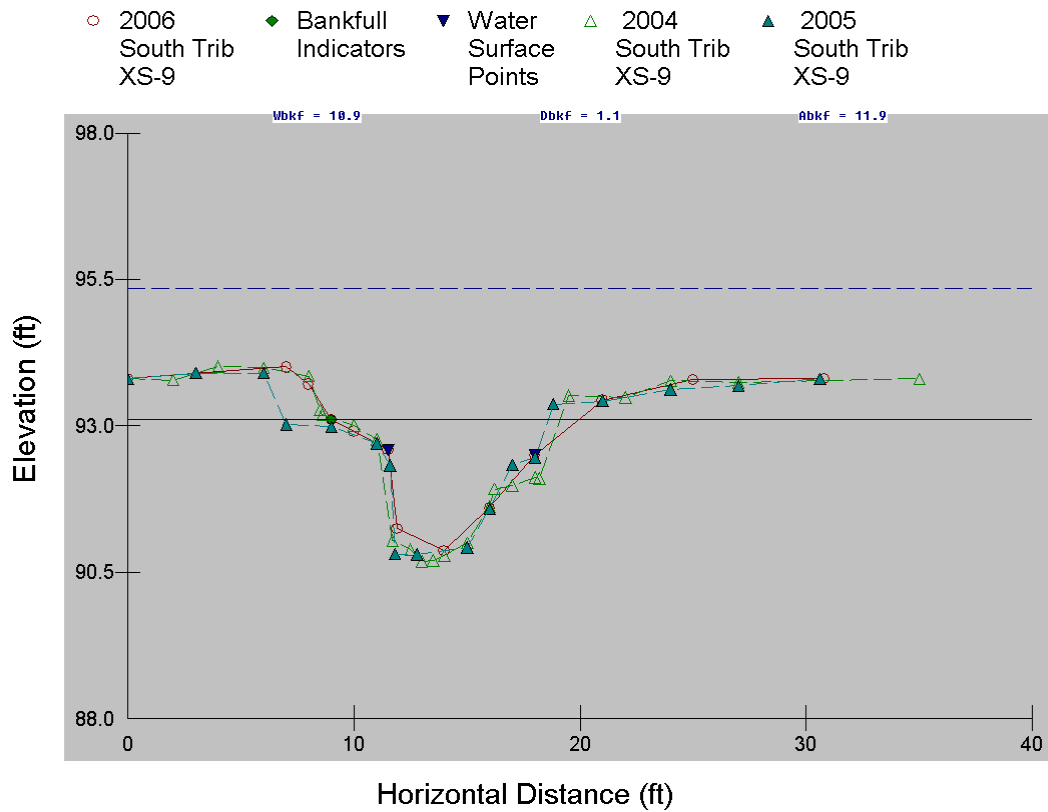
2006 South Trib XS-8 @ Sta. 1+27



Cross-Section #8 (Run) Abbreviated Morphological Summary*					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	6.6	6.3	9.1		
Maximum Bankfull Depth (ft)	1.1	1.0	1.2		
Bankfull Mean Depth (ft)	0.6	0.5	0.6		
Bankfull Width (ft)	10.5	11.9	15.1		

*According to the Rosgen Classification of Natural Rivers floodprone width, entrenchment ratio, and width/depth ratio are not measured in pool, glide or run features.

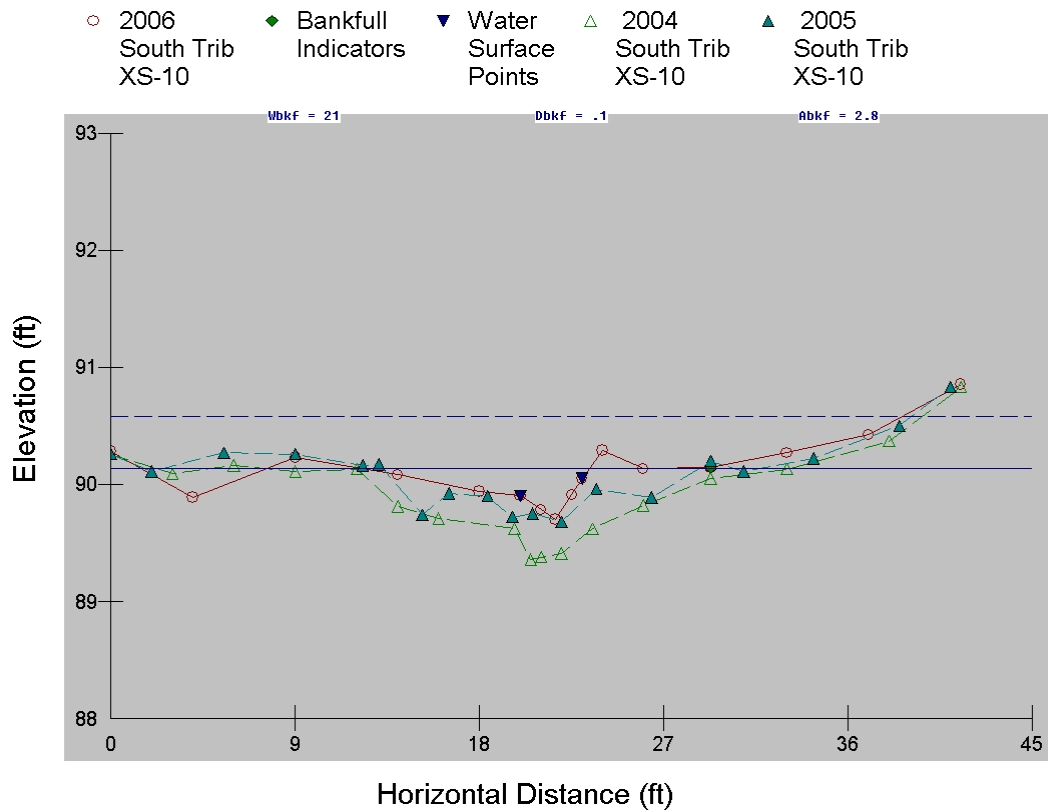
2006 South Trib XS-9 @ Sta. 4+18



Cross-Section #9 (Pool) Abbreviated Morphological Summary*					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	6.8	7.1	11.9		
Maximum Bankfull Depth (ft)	1.6	1.7	2.2		
Bankfull Mean Depth (ft)	0.9	1.1	1.1		
Bankfull Width (ft)	7.2	6.6	11.0		

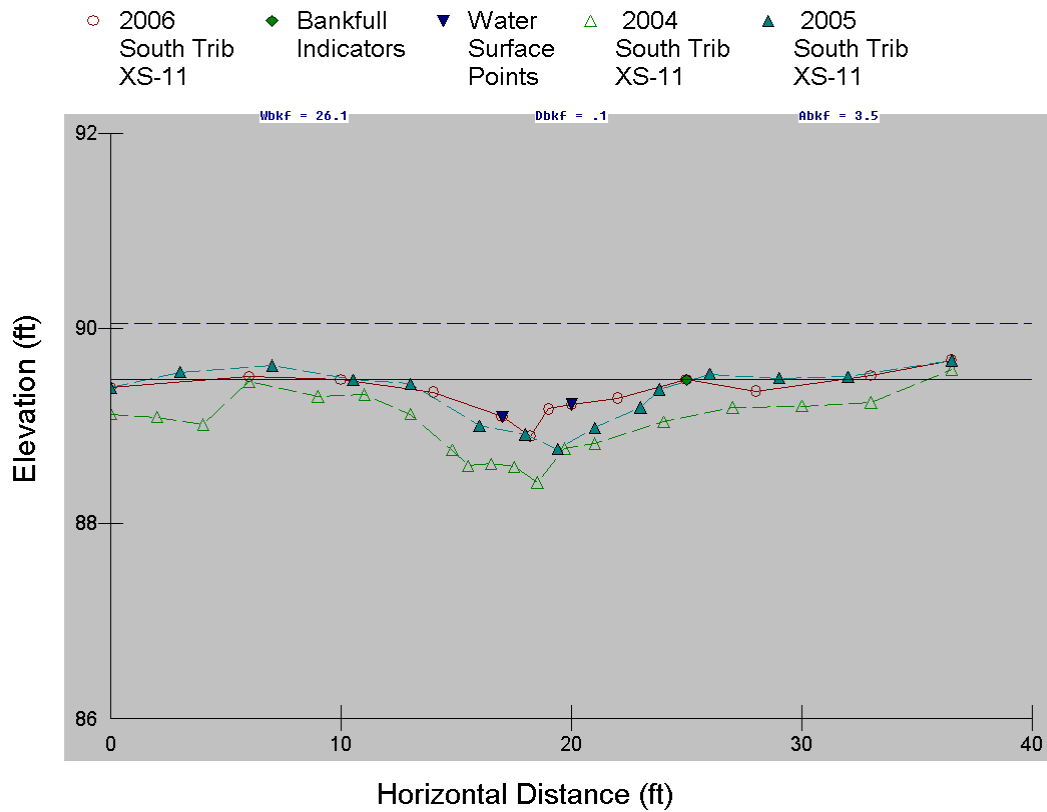
*According to the Rosgen Classification of Natural Rivers floodprone width, entrenchment ratio, and width/depth ratio are not measured in pool, glide or run features.

2006 South Trib XS-10 @ Sta. 7+44



Cross-Section #10 (Riffle) Abbreviated Morphological Summary					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	7.2	7.4	2.8		
Maximum Bankfull Depth (ft)	0.8	0.6	0.4		
Width of the Floodprone Area (ft)	>100.0	>100.0	>100.0		
Bankfull Mean Depth (ft)	0.3	0.2	0.2		
Width/Depth Ratio	>15.0	>15.0	161.8		
Entrenchment Ratio	5.4	5.7	4.8		
Bankfull Width (ft)	27.6	35.1	21.0		

2006 South Trib XS-11 @ Sta. 8+59

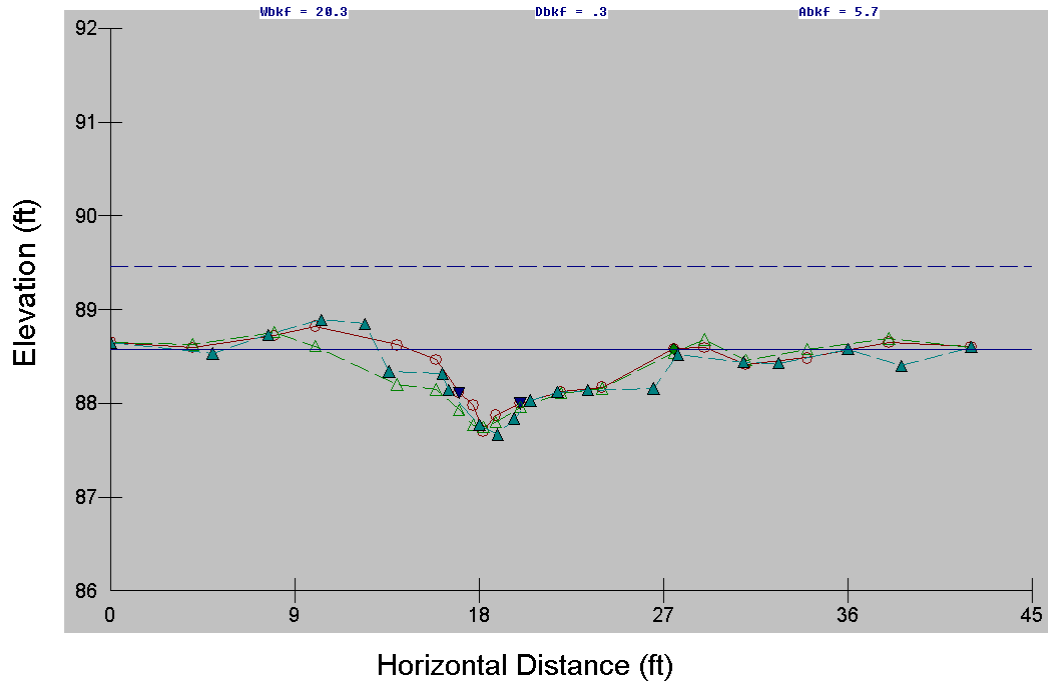


Cross-Section #11 (Run) Abbreviated Morphological Summary*					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	5.7	6.1	3.5		
Maximum Bankfull Depth (ft)	0.8	0.8	0.6		
Bankfull Mean Depth (ft)	0.3	0.2	0.2		
Bankfull Width (ft)	22.7	26.3	26.1		

*According to the Rosgen Classification of Natural Rivers floodprone width, entrenchment ratio, and width/depth ratio are not measured in pool, glide or run features.

2006 West Trib XS-12 @ Sta. 0+30

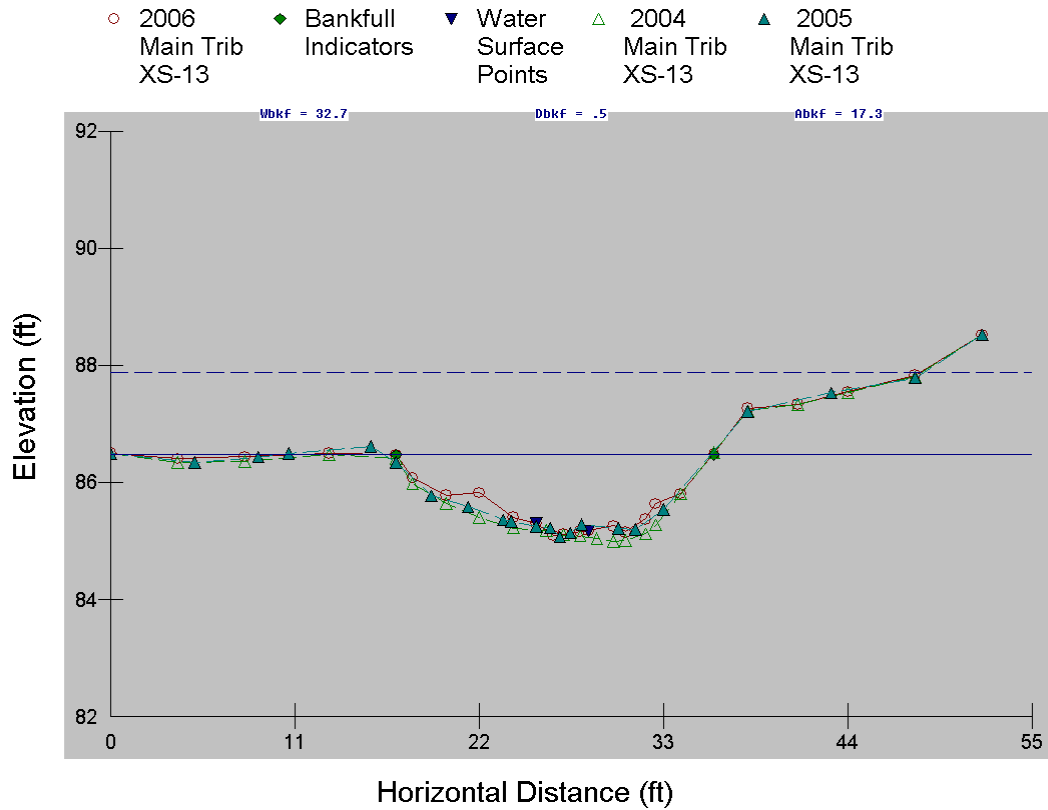
○ Southwest Trib XS-12 @ Sta. 0+30 ◆ Bankfull Indicators ▼ Water Surface Points △ 2004 Southwest Trib XS-12 ▲ 2005 Southwest Trib XS-12



Cross-Section #12 (Run) Abbreviated Morphological Summary*					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	7.4	6.5	5.0		
Maximum Bankfull Depth (ft)	0.8	0.9	0.9		
Bankfull Mean Depth (ft)	0.3	0.2	0.4		
Bankfull Width (ft)	21.7	28.4	13.0		

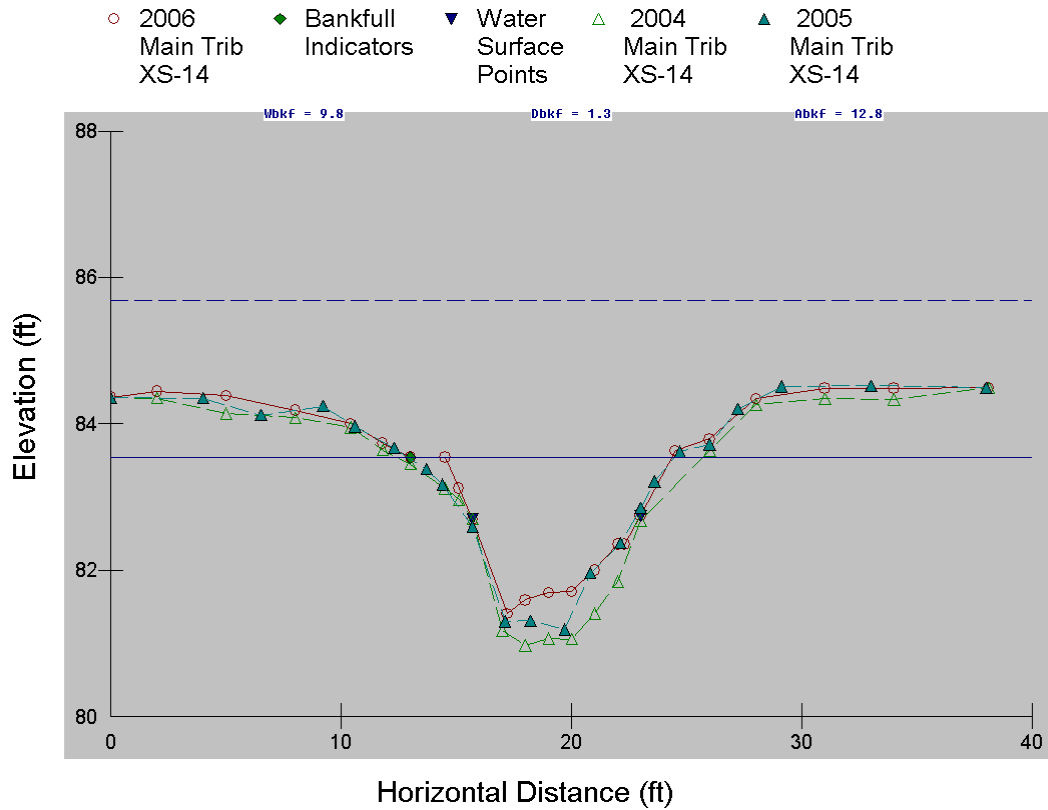
*According to the Rosgen Classification of Natural Rivers floodprone width, entrenchment ratio, and width/depth ratio are not measured in pool, glide or run features.

2006 Main Trib XS-13 @ Sta. 0+78



Cross-Section #13 (Riffle) Abbreviated Morphological Summary					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	10.7	10.7	17.3		
Maximum Bankfull Depth (ft)	1.0	1.0	1.4		
Width of the Floodprone Area (ft)	>100.0	>100.0	>100.0		
Bankfull Mean Depth (ft)	0.7	0.6	0.5		
Width/Depth Ratio	>15.0	>15.0	61.7		
Entrenchment Ratio	>10.0	>10.0	3.1		
Bankfull Width (ft)	16.5	16.7	32.7		

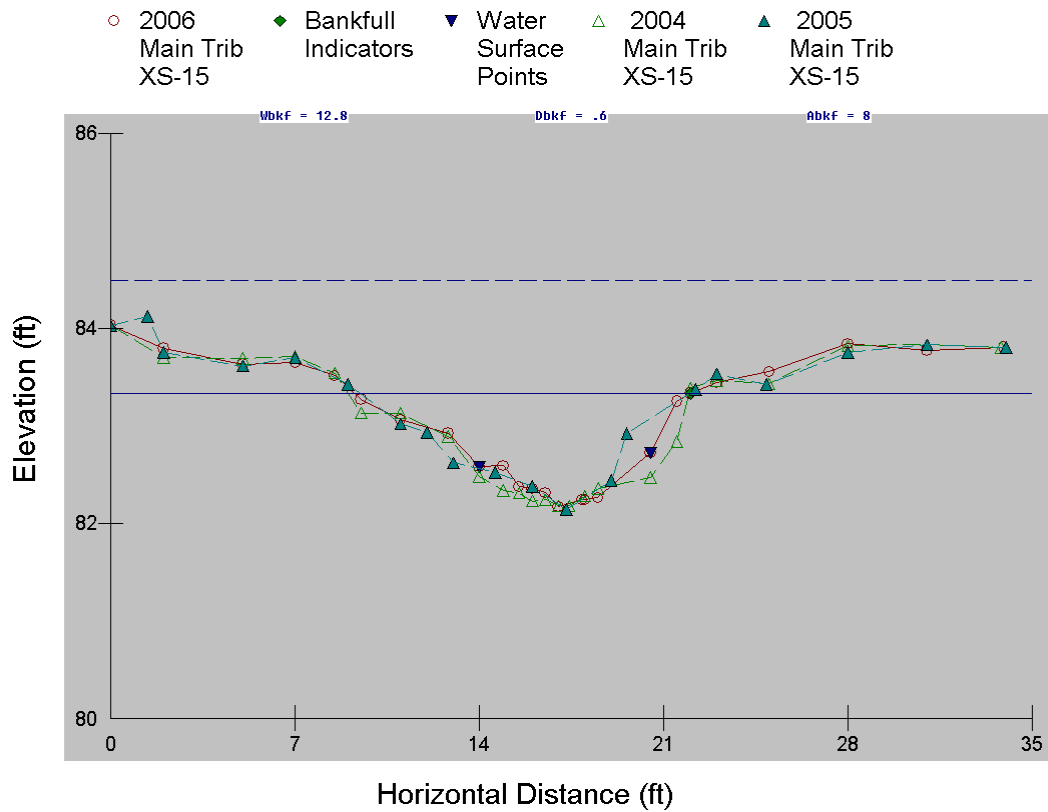
2006 Main Trib XS-14 @ Sta. 4+60



Cross-Section #14 (Pool) Abbreviated Morphological Summary*					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	11.0	10.7	12.8		
Maximum Bankfull Depth (ft)	2.0	2.0	2.1		
Bankfull Mean Depth (ft)	1.3	1.2	1.3		
Bankfull Width (ft)	8.8	9.1	9.9		

*According to the Rosgen Classification of Natural Rivers floodprone width, entrenchment ratio, and width/depth ratio are not measured in pool, glide or run features.

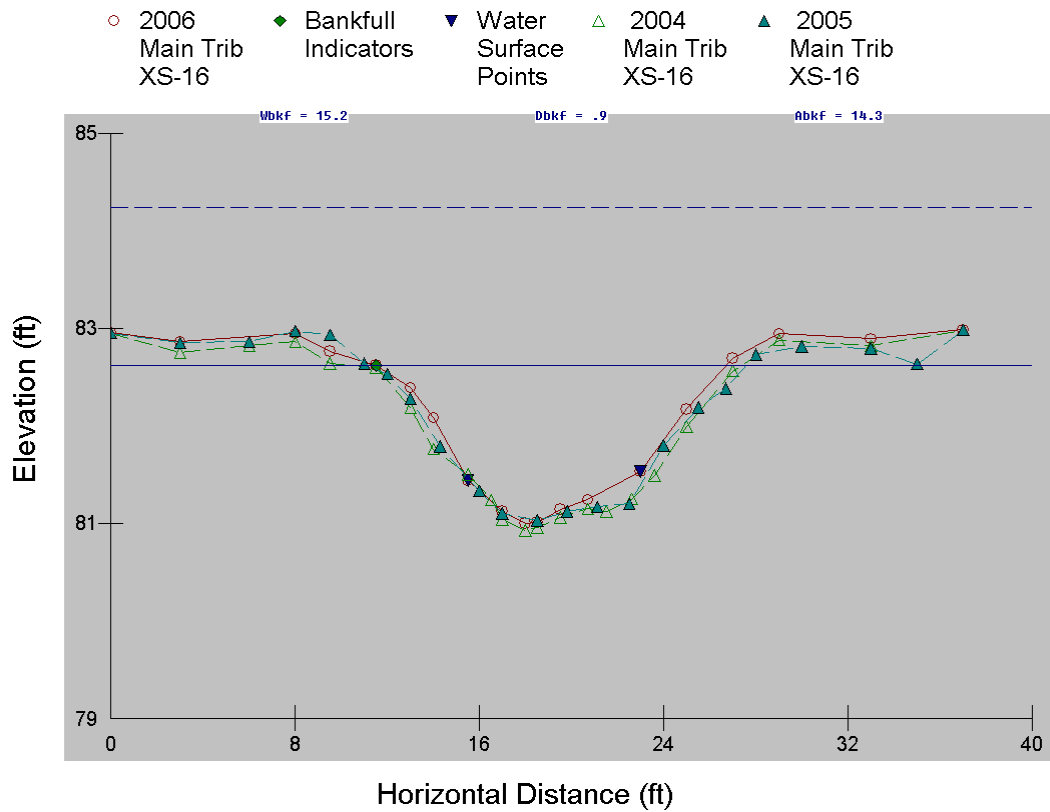
2006 Main Trib XS-15 @ Sta. 6+37



Cross-Section #15 (Run) Abbreviated Morphological Summary*					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	10.8	10.5	8.0		
Maximum Bankfull Depth (ft)	1.3	1.4	1.2		
Bankfull Mean Depth (ft)	0.7	0.6	0.6		
Bankfull Width (ft)	16.5	17.7	12.8		

*According to the Rosgen Classification of Natural Rivers floodprone width, entrenchment ratio, and width/depth ratio are not measured in pool, glide or run features.

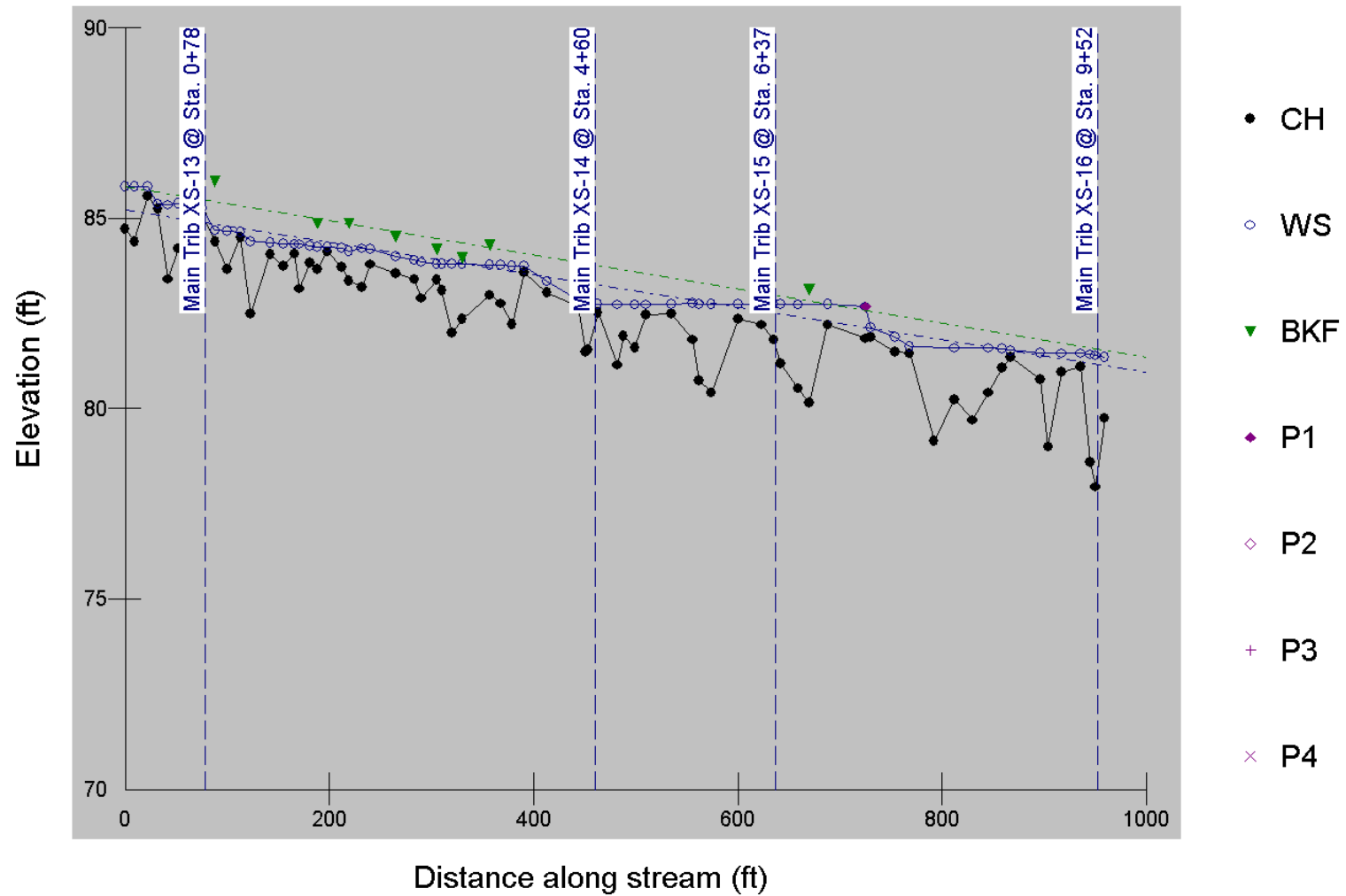
2006 Main Trib XS-16 @ Sta. 9+52



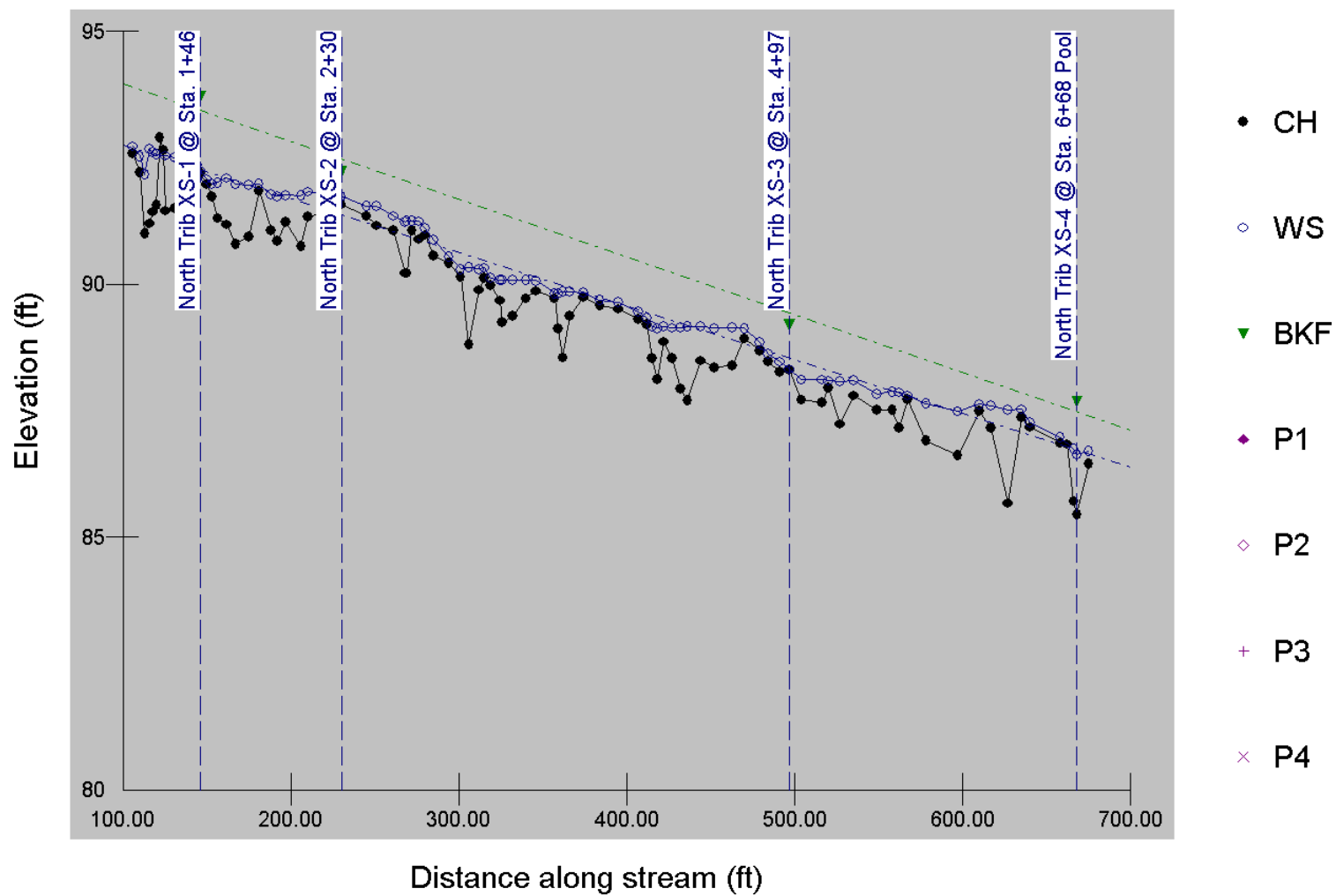
Cross-Section #16 (Run) Abbreviated Morphological Summary*					
	2004	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	15.4	15.9	14.3		
Maximum Bankfull Depth (ft)	1.6	1.6	1.6		
Bankfull Mean Depth (ft)	1.0	1.0	0.9		
Bankfull Width (ft)	15.4	16.7	15.2		

*According to the Rosgen Classification of Natural Rivers floodprone width, entrenchment ratio, and width/depth ratio are not measured in pool, glide or run features.

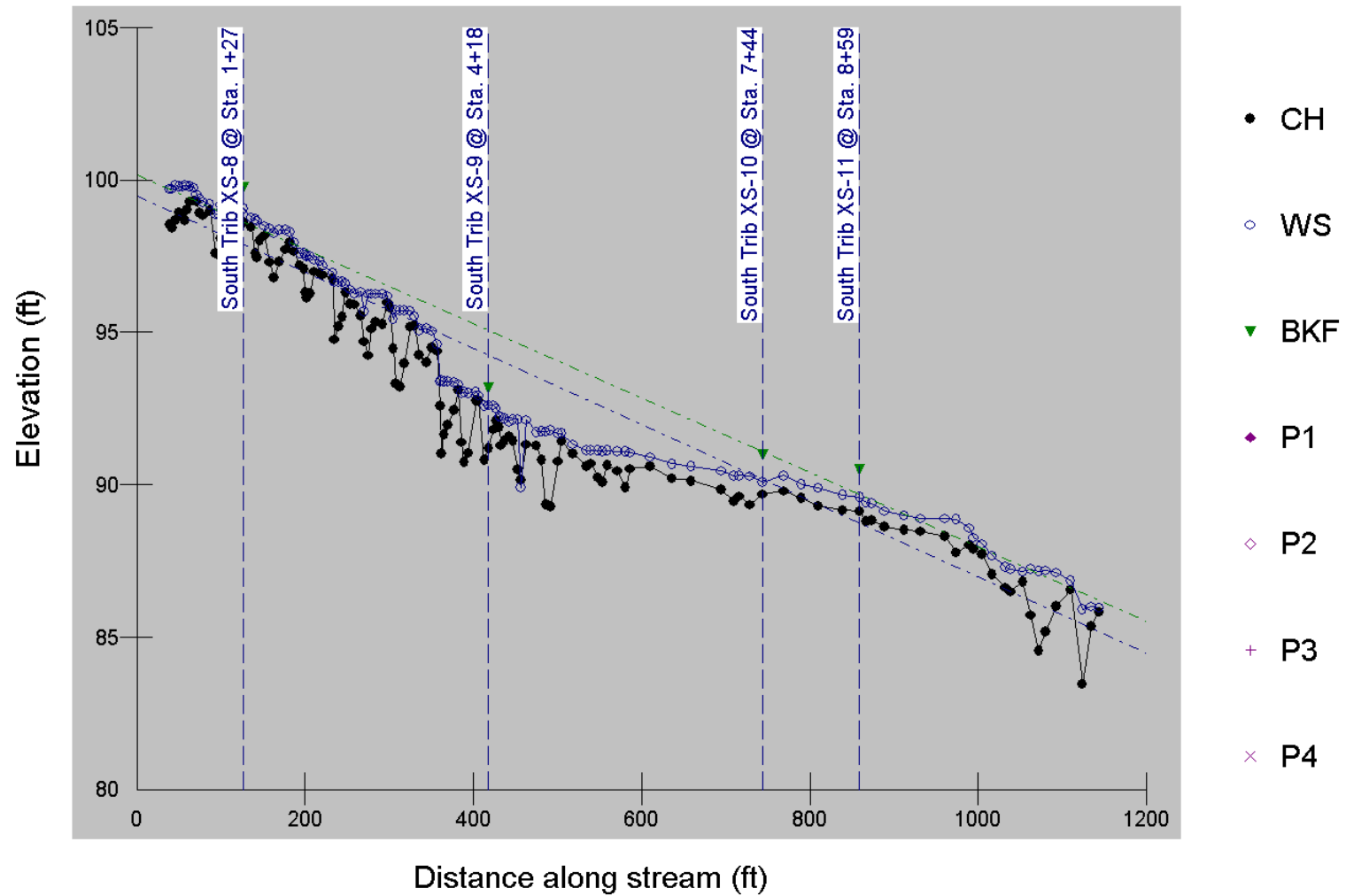
Longitudinal Profile - Main Tributary 2006



Longitudinal Profile - North Tributary 2006



Longitudinal Profile - South Tributary 2006



Longitudinal Profile - West Tributary 2006

